



GOVT. DEGREE COLLEGE DRANG AT NARLA

Teh. Padhar, Distt. Mandi (HP)-175012



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www.gcdrang.ac.in



Green Audit of Government Degree College Drang, Narla (Mandi), Himachal Pradesh

1. Introduction

A Green Audit is a systematic assessment of environmental practices adopted by an institution to ensure sustainable use of natural resources and to minimize environmental impact. Government Degree College (GDC) Drang, located at Narla in District Mandi, Himachal Pradesh, is situated in an ecologically sensitive Himalayan region. The college recognizes its responsibility toward environmental conservation and sustainable development. The green audit of GDC Drang evaluates practices related to energy conservation, water management, waste management, biodiversity protection, and environmental awareness within the campus.

2. Objectives of the Green Audit

- To assess the environmental practices followed by GDC Drang
- To promote sustainable and eco-friendly campus initiatives
- To identify areas for improvement in resource utilization
- To encourage environmental awareness among students and staff
- To align institutional practices with national environmental goals

3. Campus Environment and Infrastructure

GDC Drang has a clean, green, and pollution-free campus surrounded by natural vegetation. The rural setting provides a healthy academic environment with minimal industrial or vehicular pollution. The college buildings are well-ventilated and utilize natural light, reducing energy consumption.

4. Energy Management

- The college emphasizes judicious use of electricity.
- Classrooms and offices make maximum use of daylight.
- Energy-efficient electrical appliances such as LED lights and fans are gradually being adopted.
- Faculty and students are encouraged to switch off lights and fans when not in use.
- No heavy energy-consuming machinery is used on campus, reducing carbon footprint.

5. Water Management

- Water is mainly sourced through government supply and local water resources.
- The college promotes water conservation practices, including controlled usage in washrooms and laboratories.
- Awareness is created among students to avoid water wastage.
- The campus benefits from the natural hilly drainage system, preventing water stagnation.

6. Waste Management

- The college follows basic waste segregation practices.
- Paper waste is minimized through digital communication and reuse of paper.
- Plastic use is discouraged, and students are advised to avoid single-use plastics.
- Dry waste is collected and disposed of through local municipal systems.
- Organic waste such as leaves is allowed to decompose naturally, supporting soil health.

7. Green Cover and Biodiversity

- The campus maintains trees, shrubs, and green patches that support local biodiversity.
- Plantation drives are organized on occasions such as Van Mahotsav, World Environment Day, and NSS activities.
- Native plant species are preferred to maintain ecological balance.
- The green surroundings help regulate temperature and improve air quality.

8. Environmental Awareness and Initiatives

- Environmental awareness programs are conducted through NSS, Eco-Club, and academic departments.
- Students participate in cleanliness drives, tree plantation, and awareness rallies.
- Environmental topics are integrated into the curriculum, especially in Science and Commerce streams.
- The college encourages a sense of responsibility toward nature and sustainable living.

9. Strengths

- Pollution-free rural location
- Natural green surroundings
- Active student participation in environmental activities
- Low energy consumption
- Environment-friendly campus culture
- Introduction of rainwater harvesting system
- Proper waste segregation bins (wet/dry)



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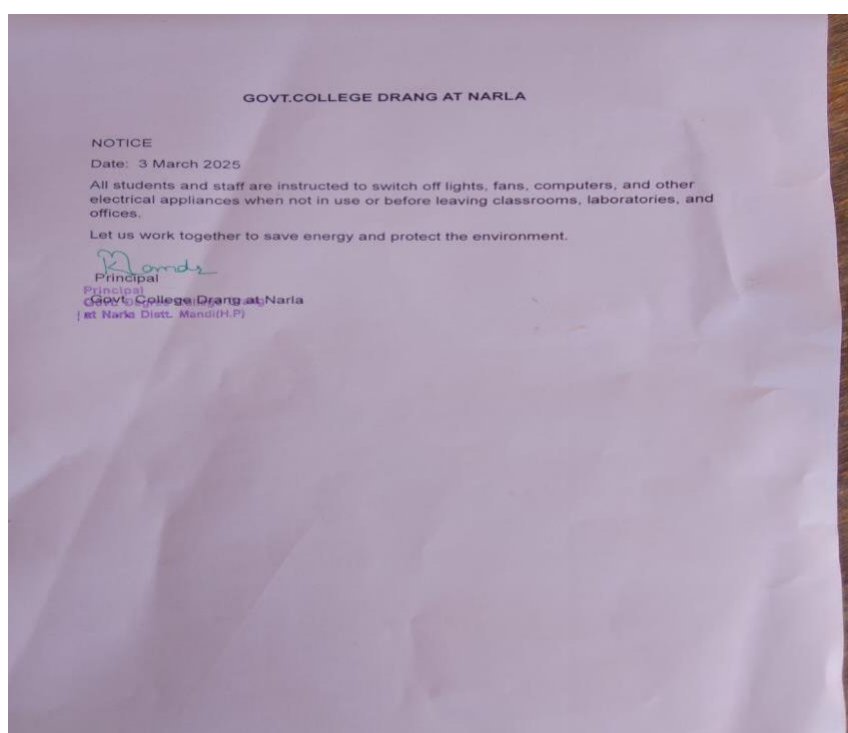
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Composting of biodegradable waste
Periodic professional green audits

Energy Conservation and Switch-Off Policy

The college demonstrates a strong commitment to sustainable energy management through the effective implementation of various energy conservation initiatives. Energy-efficient LED lighting has been installed across the campus to significantly reduce electricity consumption. A strict Switch-Off Policy is actively followed, encouraging students, faculty, and staff to switch off lights, fans, and electrical appliances when not in use. Furthermore, classrooms and offices are designed with well-ventilated windows to maximize the use of natural daylight during working hours, thereby minimizing dependence on artificial lighting. These practices collectively reflect the institution's proactive approach towards energy efficiency and environmental sustainability.



Eco-Friendly Waste Management: Bamboo Kilta Initiative

The college follows systematic waste management practices in alignment with its sustainability objectives. Waste is segregated at the source into wet and dry categories to ensure effective disposal and recycling. As part of its plastic reduction strategy, the institution actively discourages the use of single-use plastics.

An innovative eco-friendly practice adopted by the college is the use of bamboo kilta for collecting and disposing of dry pens, replacing conventional plastic alternatives. This initiative significantly contributes to reducing plastic



Eco- friendly bamboo kilta installed in the campus



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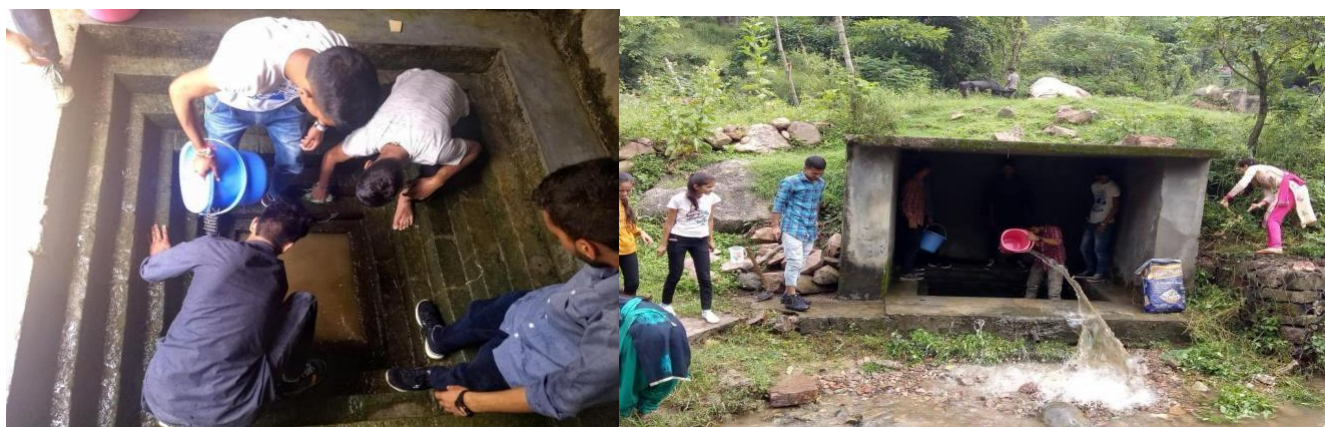
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waste on campus. These measures collectively reflect the institution's commitment to environmental responsibility and sustainable waste management practices. There have been separate dustbins for green and blue dustbins.

Water Conservation through Bawari (local water body) Restoration and Rainwater Harvesting

The college emphasizes sustainable water management practices in alignment with SAR and institutional sustainability goals. As part of its efforts to preserve traditional water resources, the institution actively undertakes the cleaning and maintenance of the local bawari, contributing to natural groundwater recharge and community water conservation. In addition, rainwater harvesting systems have been installed on campus and the collected water is effectively utilized for non-potable purposes such as cleaning and watering plants. The college also promotes awareness among students, faculty, and staff regarding the judicious use of water and the importance of conserving local water resources. These initiatives reflect the institution's commitment to sustainability and responsible water management.



Students cleaning the nearby Local waterbody (Bawari)

Green Campus Initiatives and Student Participation

The college actively promotes a green and sustainable campus through a range of eco-friendly initiatives. Regular tree plantation drives are organized to enhance green cover, improve air quality, and support biodiversity within the campus. The institution has also taken consistent steps towards creating a plastic-free campus by encouraging the use of eco-friendly alternatives and minimizing single-use plastics.



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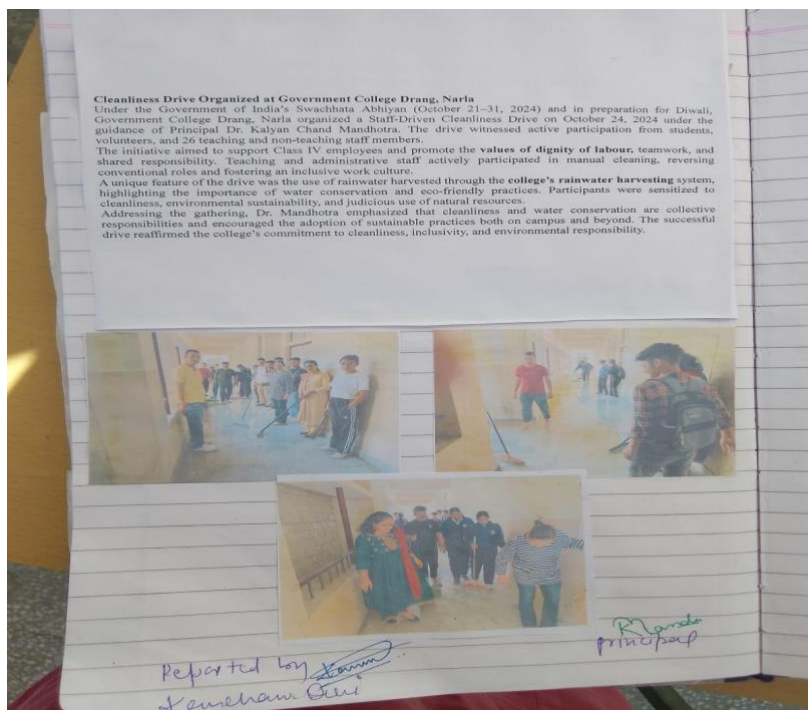
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Furthermore, cleanliness drives are conducted under national campaigns such as Swachh Bharat Abhiyan, fostering a sense of civic responsibility among students. Students participate enthusiastically in campus cleaning activities, awareness programmes, and environmental campaigns, making sustainability a shared responsibility. Through these initiatives, the college nurtures environmental consciousness, social responsibility, and active student engagement in maintaining a clean and green campus ecosystem.





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Govt. College Drang at Narla
महाविद्यालय की गतिविधि

Particular	Remarks
दिनांक	September 24, 2024
गतिविधि का नाम	World Rivers Day
गतिविधि आयोजित करने वाली इकाई/संस्था/विभाग का नाम	NCC
सहयोग संस्था का नाम	Zoology Department & NSS/RR
गल सेने वाले विद्यार्थियों की संख्या	60
गल सेने वाले प्राध्यापकों की संख्या	04

संक्षिप्त प्रतिवेदन
A World River Day celebrated at Govt. College Drang at Narla. Projected and highlighted the importance of Sustainable Development Goals and community participation.

World Rivers Day :-

2- जल संरक्षण के महत्व पर जागरूकता बढ़ाने के लिए नदी दिवस का अवसर पर महाविद्यालय में आयोजित कार्यक्रम में 24 सितंबर को एक विशेष कार्यक्रम का आयोजन किया गया जिसमें उद्घरण नदी और जल संरक्षण के महत्व के प्रति जागरूकता बढ़ाना था। इस समारोह में लगभग 100 प्रतिभागियों ने भाग लिया जिसमें प्राध्यापकों, पदवीधरों, स्वयंसेवकों और प्राणीसंरक्षण विभाग के छात्र शामिल थे। कार्यक्रम में प्राध्यापक सहजान, कार्यक्रम प्रचार, मुख्य अतिथि के रूप में उपस्थित थे। कार्यक्रम के प्रचार में डॉ. तुलजा वाट, (एनएसडी केयरटेकर) ने विभाग में प्रवेश की प्रमुख नदी पर पाठ्यक्रम से जल संरक्षण के महत्व को प्रस्तुत करने का फैसला किया। इसके बाद मुख्य अतिथि डॉ. सहजान ने जल संरक्षण के महत्व और अतिथि ने इसकी बढ़ती भूमिका पर विस्तार से बात की। उन्होंने जल संरक्षण के महत्व पर छात्रों की जागरूकता पर जोर दिया और छात्रों को इस अनमूल्य प्राकृतिक संपत्ति के संरक्षण में सक्रिय योगदान देने के लिए प्रेरित किया। कार्यक्रम का समापन पंचवटी जलन के साथ हुआ, जिसमें छात्रों और शिक्षकों के प्रदर्शनों की श्रद्धांजलि दी गई और एक कार्यक्रमों की श्रद्धांजलि दी गई।

Sthapana Diwas - 02/24/sep/2024 NSS Unit at Narla. Celebrated NSS Day and project. Shresh Kumar highlighted that NSS was launched in 1969 by Dr. VKRV Rao to develop students personality & encourage national service. Its motto, "Not me But you", emphasizes the spirit of social welfare.

Reported by :- *[Signature]*

Principal - *[Signature]*

महाविद्यालय की गतिविधि

Particular	Remarks
दिनांक	October 03, 2024
गतिविधि का नाम	SWACHH BHARAT DIWAS - POSTER MAKING COMPETITION
गतिविधि आयोजित करने वाली इकाई/संस्था/विभाग का नाम	NCC
सहयोग संस्था का नाम	-----
गल सेने वाले विद्यार्थियों की संख्या	10
गल सेने वाले प्राध्यापकों की संख्या	01

संक्षिप्त प्रतिवेदन
Today, on the occasion of "Swachh Bharat Diwas", a poster and slogan competition was organized at the college, in which 10 NCC cadets participated. The event aimed to raise awareness about cleanliness and promote the Swachh Bharat campaign. Students creatively highlighted various aspects of cleanliness through their poster and slogans, emphasizing its importance and societal impact. At the end of the competition, the best participants were awarded. Acting Principal Nisha Vaidya shared her thoughts on the significance of cleanliness, appreciated the participants, and encouraged them to stay mindful of cleanliness in their daily lives.

Reported by :- *[Signature]*
A.P. English

Principal - *[Signature]*
NCC Mang at Narla

Swachh Bharat Diwas - Poster making competition

1- जन जन का यह नारा है
भारत का रक्षक नारा है

भारत को स्वच्छ बनाने के लिए हम सबको मिलकर काम करना पड़ेगा।

2- *[Image of students participating in the competition]*



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Particular	Remarks
दिनांक	October 07, 2024
गतिविधि का नाम	World Habitat Day
नतिविधि आयोजित करने वाली इकाई/संस्था/विभाग का नाम	NCC
सहयोग संस्था का नाम	Department of Zoology/ Vasundhara Eco Club
भाग लेने वाले विद्यार्थियों की संख्या	26
भाग लेने वाले प्राध्यापकों की संख्या	02
संक्षिप्त प्रतिवेदन	On 7th October 2024, the NCC Army Wing of GDC Drang, in association with the Department of Zoology and Vasundhara Eco Club, organized a program to commemorate World Habitat Day. The event focused on creating awareness about the conservation of wildlife and their natural habitats. Prof. Hukam Chand delivered an insightful address through PPT on the threats faced by endangered species, highlighting human-induced habitat destruction as a major cause. He urged everyone to avoid harmful practices such as setting forest fires and other activities that damage ecosystems. A total of 26 students participated in the program, actively engaging in discussions on the importance of habitat preservation and biodiversity conservation. The event successfully emphasized the need for collective efforts to protect the environment and wildlife.

Reported by:-
Kanchana Devi
A P English

K. L. Khande
Principal
GDC Drang at Narla

World Habitat Day

1.

2.

Installation of Dry and Wet bins





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Installation of Rain Harvesting System and Solar Panels

4. The institute utilizes energy sources judiciously and has installed sensor based solar lights in the campus which run by using radiant energy of the sun(Picture 5&6.).



(Picture 5.)



(Picture 6.)

5. The institute holds its own Rain Harvesting System which collects otherwise wasted rain water and utilises it for various purposes. (Picture 7&8.)



(Picture 7.)



(Picture 6.)